

Product datasheet for **MC207642**

Mri1 (NM_026423) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mri1 (NM_026423) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mri1
Synonyms: 2410018C20Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207642 representing NM_026423
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACACTGGAAGCGATCCGCTACTCGCCGGCTCGTGCAGATCCTCGACCAGCTGCAGCTGCCAGAGC
ACTGCCACTATGAGGCACTGAGCTCCGTGCAGCAGGCTAGTGAAGCCATCCGCGCCATGAAGGTGCGCGG
AGCCCCGGCCATCGCGCTGGTCCGCTGCCTCAGCCTGGCCGTGGAGCTGCGGGCCGGCGCCGGGTCCC
GGACTCGCTGCTCTGGTGGCCTTCGTGCGAGACCAGCTGCGCCTCTTAGTCGCGCCCGCCACCAGCTG
TCAACATGGCCCCGCGCCCGCCGATCTGGGTCAAGTGGCAGCCAGGAGCGGAACGAGAGGGTGCCAC
TGAAGAGACCGTGCGGGAAAGAGTGATCCGCTTCGCCGAGGATATGTTGGAGAAGGACCTCAAAGACAAC
CGGAGCATCGGGGACTTGGGAGCCCGCCATCTCCTAGAGCAGACCAACCCAGGGGTGGCAAGGTGACCG
TGCTGACCCACTGTAACACGGGTGCTCTGGCCACTGCTGGCTATGGTACAGCGTTAGGTGTGATCCGCTC
ACTGCATGAGATGGGCCGATTGGAGCATACCTTCTGCACAGACCCGGCCCTACAACAGGGAGCCCGG
CTGACGGCCTTCGAGCTGGTGTACGAGCAGATCCCTGCAACTCTCATCACTGACAGCATGGCGCGGCTG
CCATGGCACACCGGGGTGTGTACGCCGTGGTGGGAGCTGACCGTGTGTTGCCAATGGAGACACAGC
CAACAAAATAGGCACCTATCAGCTGGCCATTGTGCCAAACACCAGGTGTCCCCTTCTATGTGGCTGCC
CCCAGTTCATCCTGTGACCTCCATCTGGAGACTGGAAAGGAGATTGTCATAGAGGAACGCCCCAGCCAGG
AGCTAACTGACCTGAATGGAGTCAGGATTGCTGCACAGGGAATCCGGGTTTGAATCCTGCCTTTGATGT
CACCCCCACGAACTCATCACAGGTGGCATCATCACTGAACTGGGTGTCTTTGCCCTGAGGAGCTCCGA
GGAGCCCTAAGTGCCCTCGTCTTCTCAGAGGGACAGACCCTAGATAGTCCCTGGGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_026423



Insert Size:	1110 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_026423.4, NP_080699.3</u>
RefSeq Size:	2149 bp
RefSeq ORF:	1110 bp
Locus ID:	67873
UniProt ID:	<u>Q9CQT1</u>
Cytogenetics:	8 C2
Gene Summary:	Catalyzes the interconversion of methylthioribose-1-phosphate (MTR-1-P) into methylthioribulose-1-phosphate (MTRu-1-P).[UniProtKB/Swiss-Prot Function]